

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Inventor(s): John C. Harvey and James W.  
Cuddihy

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For: SIGNAL PROCESSING APPARATUS  
AND METHODS

Assistant Commissioner for Patents  
Washington D.C. 20231



Group Art Unit: 2602

Examiner: J. Groody

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**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT  
PURSUANT TO 37 CFR 1.97(c)**

SIR:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56(a) and in conformance with the procedures of 37 C.F.R. §§ 1.97-98 and M.P.E.P. § 609, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached Form PTO-1449. A copy of the listed reference is provided herewith.

It is respectfully requested that the information above be expressly considered during the prosecution of this application, and that the reference be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

**CERTIFICATION**

I hereby certify that no item of information contained in this IDS was cited in a communication from a foreign patent office in a counterpart foreign application, or, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this IDS.

Respectfully submitted,

*Thomas J. Scott, Jr.*  
Thomas J. Scott, Jr. Reg. No. 27,886

Dated: April 7, 1997

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /BL/



SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Attorney Docket No. 5634.065	Serial No. 08/452,395
CITATION FORM		Applicant(s) John C. Harvey and James W. Cuddihy	
		Filing Date 26-May-95	Group Art Unit 2602

UNITED STATES PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER	PATENT DATE	NAME	CLASS/ SUBCLASS	FILING DATE*
	27,810	November 20, 1973	Buehrle	325/321	
	33,189	September 3, 1861	Dougal		
	2,418,127	April 1, 1947	Labin	178/44	
	2,563,448	August 7, 1951	Aram	178/5.1	
	2,731,197	January 17, 1956	Parker et al.	235/60	
	3,071,649	January 1, 1963	Goodall	179/1.5	
	3,107,274	October 15, 1963	Roschke	178/5.1	SP
	3,133,986	May 19, 1964	Morris et al.	178/5.1	EP
	3,251,051	May 10, 1966	Harries	340/345	EP
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	3,651,261	March 21, 1972	Guanella	178/22	
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4,214,273	July 22, 1980	Brown	358/188
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4,216,497	August 5, 1980	Ishman et al.	358/84
4,222,068	September 9, 1980	Thompson	358/120
4,225,884	September 30, 1980	Block et al.	358/122
4,245,246	January 13, 1981	Cheung	358/124
4,246,611	January 20, 1981	Davies	358/194
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4,250,521	February 10, 1981	Wright	358/8
4,258,386	March 24, 1981	Cheung	358/84
4,266,243	May 5, 1981	Shutterly	358/121
4,272,784	June 9, 1981	Saito et al.	358/127
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4,295,155	October 13, 1981	Jarger et al.	358/12
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4,316,217	February 16, 1982	Rifken	358/86
4,318,047	March 2, 1982	Dawson	328/112
4,323,921	April 6, 1982	Guillou	358/114
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4,329,711	May 11, 1982	Cheung	358/114
4,335,426	June 15, 1982	Maxwell et al.	364/200
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4,341,925	July 27, 1982	Frosch et al.	178/22.17
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4,348,696	September 7, 1982	Bejer	358/188
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4,358,672	November 9, 1982	Hyatt et al.	235/380
4,360,881	November 23, 1982	Martinson	364/493
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4,378,470	March 29, 1983	Murto et al.	179/2 C
4,382,256	May 5, 1983	Nagata	340/825.44
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4,388,643	June 14, 1983	Aminetzah	358/123
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4,393,277	July 12, 1983	Besen et al.	179/2 A
4,408,345	October 4, 1983	Yashiro et al.	455/3
4,411,017	October 18, 1983	Talbot	455/26
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4,415,771	November 15, 1983	Martinez	179/5R
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4,424,533	January 3, 1984	Rzeszewski	358/167
4,425,578	January 10, 1984	Haselwood et al.	358/84
4,425,579	January 10, 1984	Merrell	358/86
4,425,664	January 10, 1984	Sherman et al.	375/8
4,427,968	January 24, 1984	York	340/310
4,429,385	January 31, 1984	Cichelli et al.	370/92
4,430,731	February 7, 1984	Gimple et al.	370/30
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4,439,785	March 27, 1984	Leonard	358/120
4,450,481	May 22, 1984	Dickinson	358/114
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4,484,218	November 20, 1984	Boland et al.	358/86
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4,489,220	December 18, 1984	Oliver	179/2 AM
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4,496,975	January 29, 1985	Noirel	358/147
4,504,831	March 12, 1985	Jahr et al.	340/870.03
4,506,387	March 9, 1985	Walter	455/612
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4,531,020	July 23, 1985	Wechselberger et al.	178/22.08
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4,543,616	September 24, 1985	Brooks	358/335
4,547,804	October 15, 1985	Greenberg	358/142
4,554,584	November 19, 1985	Elam et al.	358/165
4,558,464	December 10, 1985	O'Brien, Jr.	455/4
4,563,702	January 7, 1986	Heller et al.	358/119
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4,570,930	February 18, 1986	Matheson	273/1 E
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4,595,952	June 17, 1986	Filliman	358/47
4,600,918	July 15, 1986	Belisomi et al.	340/711
4,600,921	July 15, 1986	Thomas	340/825.31
4,605,964	August 12, 1986	Chard	358/147
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4,613,901	September 23, 1986	Gilhousen et al.	358/122
4,621,259	November 4, 1986	Schepers et al.	340/707
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4,623,920	November 18, 1986	Dufresne et al.	358/122
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4,633,297	December 30, 1996	Skerflos et al.	358/22
4,636,858	January 13, 1987	Hague et al.	358/147
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4,658,290	April 14, 1987	McKenna	358/84
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4,723,302	February 2, 1988	Fulmer et al.	455/2
4,736,422	April 5, 1988	Mason	380/120
4,744,080	May 10, 1988	Brennand et al.	280/21
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4,785,420	November 15, 1988	Little	364/513.5
4,796,181	January 3, 1989	Wiedmer	364/406
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EXAMINER:Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).	

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